

**Commonwealth of Massachusetts**  
**Executive Office of Energy and Environmental Affairs ■ MEPA Office**  
**ENF Environmental Notification Form**

*For Office Use Only*  
*Executive Office of Energy and Environmental Affairs*  
 EOEEA No.: 14118  
 MEPA Analyst: BILL GAPE  
 X1025

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: <i>Algonquin Gas Transmission, LLC ("Algonquin") East to West HubLine Expansion Project ("East to West Project", "E2W Project", or "Project")</i>		
Street: <i>The E2W Project involves portions in several states, as described in ENF Section 1.0. This ENF addresses the portions located within Massachusetts. The pipeline portions of the East to West Project route are located within 14 municipalities within Massachusetts, and are located primarily along existing Algonquin or other utility rights of way (primarily NSTAR electric transmission ROW). Two new compressor stations are located in Rehoboth and Boxford, Massachusetts. A total of 12 meter stations in 12 municipalities within Massachusetts will also be modified as part of the Project.</i>		
Municipalities: <i>Avon, Bellingham, Bourne, Boxford, Braintree, Canton, Fall River, Franklin, Holbrook, Hopedale, Medway, Middleborough, Millis, Norfolk, North Attleboro, Plymouth, Randolph, Rehoboth, Sharon, Stoughton, Walpole, Wellesley, Weston, Weymouth.</i>	Watersheds: <i>Neponset, Weir, Taunton, Charles, Narragansett Bay (Rehoboth CS), Merrimack (Boxford CS).</i>	
Universal Tranverse Mercator Coordinates: Start: <i>337881E, 4678298N (UTM19/NAD83)</i> End: <i>297113E, 4668032N (UTM19/NAD83)</i>	Latitude/Longitude: Start: <i>42.2400N, 70.9649W (NAD83)</i> End: <i>42.1382N, 71.4550W (NAD83)</i>	
Estimated commencement date: <i>April 2009</i>	Estimated completion date: <i>December 2009</i>	
Approximate cost: <i>\$503,758,000</i>	Status of project design: <i>20 %complete</i>	
Proponent: <i>Mr. Terry Doyle, Algonquin Gas Transmission, LLC</i>		
Street: <i>890 Winter Street, Suite 300</i>		
Municipality: <i>Waltham</i>	State: <i>MA</i>	Zip Code: <i>02451</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>Michael L. Stoltzfus</i>		
Firm/Agency: <i>TRC Companies</i>	Street: <i>Wannalancit Mills, 650 Suffolk Street</i>	
Municipality: <i>Lowell</i>	State: <i>MA</i>	Zip Code: <i>01854</i>
Phone: <i>978-970-5600</i>	Fax: <i>978-453-1995</i>	E-mail: <i>mstoltzfus@trcsolutions.com</i>

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?  
 Yes  No
- Has this project been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No
- Has any project on this site been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:  
 a Single EIR? (see 301 CMR 11.06(8))  Yes  No

a Special Review Procedure? (see 301CMR 11.09)  Yes – SRP approved  No  
 a Waiver of mandatory EIR? (see 301 CMR 11.11)  Yes  No  
 a Phase I Waiver? (see 301 CMR 11.11)  Yes  No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): *Not Applicable.*

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify Federal Energy Regulatory Commission)  No

**List Local or Federal Permits and Approvals:**

- Federal Energy Regulatory Commission – Certificate of Public Convenience and Necessity
- Federal Energy Regulatory Commission – National Environmental Policy Act consistency review
- U.S. Army Corps of Engineers – Section 10 and 404 Permits
- U.S. Environmental Protection Agency – Determination of General Conformity Applicability
- Massachusetts Executive Office of Energy and Environmental Affairs – Consistency review with the Massachusetts Coastal Zone Management Program policies
- Massachusetts Executive Office of Energy and Environmental Affairs – Consistency review with the Massachusetts Environmental Policy Act regulations
- Massachusetts Department of Environmental Protection – Water Quality Certifications
- Massachusetts Department of Environmental Protection – Chapter 91 Waterways License
- Massachusetts Department of Environmental Protection Wetlands Protection Act Order of Conditions (from local Conservation Commissions)
- Massachusetts Department of Environmental Protection – Minor Comprehensive Plan Approval

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Land   | <input checked="" type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands      |
| <input type="checkbox"/> Water             | <input type="checkbox"/> Wastewater              | <input type="checkbox"/> Transportation                                   |
| <input checked="" type="checkbox"/> Energy | <input checked="" type="checkbox"/> Air          | <input type="checkbox"/> Solid & Hazardous Waste                          |
| <input checked="" type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations             | <input checked="" type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" type="checkbox"/> Chapter 91 License <input checked="" type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage	430			
New acres of land altered		430		
Acres of impervious area	0	0.72 (approx.)	0.72 (approx.)	
Square feet of new bordering vegetated wetlands alteration		2827044 (temporary)		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		N/A		
<b>STRUCTURES</b>				
Gross square footage	0	31340 (approx.)	31340 (approx.)	
Number of housing units	N/A	N/A	N/A	

Maximum height (in feet)	0	40 (approx.)	40 (approx.)
<b>TRANSPORTATION</b>			
Vehicle trips per day	N/A	N/A	N/A
Parking spaces	N/A	N/A	N/A
<b>WATER/WASTEWATER</b>			
Gallons/day (GPD) of water use	N/A	N/A	
GPD water withdrawal	N/A	N/A	
GPD wastewater generation/ treatment	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	N/A	

**CONSERVATION LAND:** Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify – see ENF Section 4.1.1)  No

*The Project may potentially involve several Article 97 properties owned at the local community or county level where Algonquin does not currently possess an easement. Once Algonquin has concluded its research and definitively determined the Article 97 properties crossed by the Project, it will initiate discussions with the appropriate authorities and will seek either revocable permits or revocable licenses (these are interests which are not dispositions of interests in land covered by Article 97), or easements (which are subject to Article 97), to allow use of portions of these Article 97 lands for the express purpose of the Project. Please refer to ENF Section 4.1.1 for further detail.*

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify - \_\_\_\_\_)  No

*At this time, Algonquin is unaware of any deed restrictions associated with the proposed pipeline route or other Project facility locations.*

**RARE SPECIES:** Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify – see ENF Section 5.2)  No

*The Project will pass through areas identified by the Massachusetts Natural Heritage and Endangered Species Program (MANHESP) as Estimated Habitat of Rare Species, Priority Sites of Rare Species or Exemplary Natural Communities. The Project will also pass within 100 feet of MANHESP certified vernal pools. Please refer to ENF Section 5.2 (Significant or Sensitive Wildlife Habitat) for further detail.*

**HISTORICAL /ARCHAEOLOGICAL RESOURCES:** Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify – see ENF Section 7.0)  No

*Several sites listed in the inventory of Historic and Archeological Assets of the Commonwealth are present within the Area of Potential Effect for the Project. Please refer to ENF Section 7.0 for further detail.*

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify – see ENF Section 7.0)  No

Archeological and historic architectural resources identified within the designated APE may be impacted by the proposed Project as a result of construction activities. Consultation with the MHC through the Section 106 process is currently ongoing. If avoidance of these resources is not technically feasible, continued consultation with the MHC will be undertaken to determine whether the proposed Project will have an adverse effect. Please refer to ENF Section 7.0 for further detail on potential impacts to these resources as a result of the Project.

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN:** Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify –see ENF Section 5.2.3)  No

The proposed I-10 Extension pipeline will pass through 15.81 acres of the Cranberry Brook Watershed Area of Critical Environmental Concern (ACEC) within or adjacent to an existing NSTAR power line right of way. Please refer to ENF Section 5.2.3 for further detail on the resource, and Section 5.2.5.2 for a description of potential impacts and proposed mitigation for impacts to that resource.

**PROJECT DESCRIPTION:** The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

The overall Project will consist of 46.1 miles of multi-diameter pipeline, 31.5 of which will be located within Massachusetts, and associated pipeline support facilities, including compression facilities. Proposed pipeline facilities in Massachusetts include the following.

- ◆ I-10 Extension – construct approximately 13.0 miles of new 36-inch-diameter pipeline from milepost (“MP”) 0.0 in the Town of Weymouth to MP 13.0 in the Town of Canton, Norfolk County, Massachusetts; and
- ◆ Q-1 System – install approximately 18.5 miles of 36-inch-diameter pipeline that will replace a segment of an existing 24-inch-diameter pipeline from MP 0.0 in the Town of Medway to MP 18.5 in Canton, Norfolk County, Massachusetts.

A significant portion of the 31.5 miles of the proposed pipeline facilities in Massachusetts will be either within the existing Algonquin Q-1 System right-of-way (“ROW”) or adjacent to an existing powerline ROW. No new ROW corridors will be created based on the alignment as currently proposed with the exception of several minor alignment deviations to facilitate construction.

New aboveground facilities in Massachusetts will include two compressor stations as follows:

- ◆ Rehoboth Compressor Station – located near Algonquin’s G-5 Tap at about MP 16.8 on the G-1 System in the Town of Rehoboth, Bristol County; and
- ◆ Boxford Compressor Station – located along Maritimes & Northeast Pipeline, L.L.C. (“M&NE”) Phase III pipeline system at about MP 3.3 in the Town of Boxford, Essex County.

In addition, Algonquin will install above ground over-pressure protection regulation at four locations along its ROW in Massachusetts and add gas chromatographs at nine existing meter stations.

A detailed project description is located in Sections 1.1 – 1.3. A detailed project alternatives analysis is provided in Section 2.0. Mitigation measures for proposed construction activities are discussed in Section 3.1 and 3.2 and Sections 4.0 - 8.0.